

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0367831201 **Part Weight** 8.357G

Part Name MX120G 12CKT SHRD RA HDR ASY DR 3.2/3.5

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX120G 12CKT SHRD RA HDR ASY DR 3.2/3.5	Assembly		100	8.357
HEADER TERMINAL-1.2 SYS (ROW 1)-6 COUPON	Component		19.7559	1.651
Cartridge Brass 70%	Material		19.7559	1.651
Tin Plating	Material		0.1676	0.014009
Tin	Substance	7440-31-5	0.1676	0.014009
Cartridge Brass 70% Unplated	Material		19.5883	1.636991
Copper	Substance	7440-50-8	13.7118	1.145894
Zinc (metal)	Substance	7440-66-6	5.8765	0.491097
HEADER TERMINAL-1.2 SYS (ROW 2)-6 COUPON	Component		15.6276	1.306
Cartridge Brass 70%	Material		15.6276	1.306
Tin Plating	Material		0.1326	0.011081
Tin	Substance	7440-31-5	0.1326	0.011081
Cartridge Brass 70% Unplated	Material		15.495	1.294919

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	10.8465	0.906443
Zinc (metal)	Substance	7440-66-6	4.6485	0.388476
HEADER HOUSING 12 CKT	Component		64.6165	5.4
PA66 GF NATURAL	Material		63.3493	5.2941
PA66	Substance		43.0775	3.599988
GF-Fibre	Substance		19.0048	1.58823
Further Additives, not to declare	Substance	system	1.267	0.105882
Color Concentrate	Material		1.2672	0.1059
PA6	Substance		1.1861	0.099122
Carbon black	Substance	1333-86-4	0.0317	0.002648
3-Methyl-6-(p-toluidino)-3H-dibenz[f,ij]isoquinoline-2,7-dione	Substance	81-39-0	0.0146	0.001218
1,4-Bis(mesitylamino)anthraquinone	Substance	116-75-6	0.0222	0.001853
N,N'-Ethylenedi(stearamide)	Substance	110-30-5	0.0127	0.001059

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 2021)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*Note	500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
glass, oxide, chemicals	PA66 GF NATURAL	*Note	300,000	Yes

*Note: For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number	0367831201		Hazardous Substances					
Part Name	MX120G 12CKT SHRD RA HDR ASY DR 3.2/3.5							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX120G 12CKT SHRD RA HDR ASY DR 3.2/3.5			O	O	O	O	O	O
HEADER TERMINAL-1.2 SYS (ROW 1)-6 COUPON			O	O	O	O	O	O
HEADER TERMINAL-1.2 SYS (ROW 2)-6 COUPON			O	O	O	O	O	O
HEADER HOUSING 12 CKT			O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

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